

LEVEL ONE DESIGN CRITERIA CHECKLIST

Route _____ Des. No. _____ Page ____ of ____

Project No. _____ Bridge File: _____

Functional Classification: _____ Terrain: _____

Design Year 20__ AADT: _____

Designer _____ Section Manager or Consulting Firm _____

Submittal _____ Date _____

Enter the value of that provided,
in the appropriate column.

Design Criteria Table _____	Does the proposed design meet INDOT criteria?		
	Yes	No *	N/A
1. Design Speed, Mainline: _____ km/h Ramps, _____ km/h			
2. Lane Width, Mainline: _____ m Ramps: _____ m Auxiliary Lanes: _____ m			
3a. Uncurbed Sections – Shoulder Width adjacent to: Mainline, _____ m Ramps, _____ m Auxiliary Lanes, _____ m			
3b. Curbed Sections – Curb Offset: _____ m			
4. Bridge Widths			
5. Structural Capacity			
6. Horizontal Curvature – Minimum Radius = _____ m			
7. Superelevation Transition Lengths **			
8a. Stopping Sight Distance at Horizontal Curves **			
8b. Stopping Sight Distance at Vertical Curves **			
9. Maximum Grades			
10. Through Travel Lane Cross Slope: _____ %			
11. Superelevation Rate **			
12. Vertical Clearances			
13. Accessibility Criteria for Physically Challenged Individuals			
14. Bridge Railing Safety Performance Criteria, ** TL-2 v. TL-4 v. TL-5			

* Justification for design exception or waiver must be prepared and approved. See Indiana Design Manual Section 40-8.0.

** Attach calculations.

Note: Criteria 1, 2, 3, 6, and 10 apply throughout the project. The remaining criteria apply to specific sites within the project limits.